

## **ABSTRACT**

A transaction manager may be paused so that transactions managed by the transaction manager are prevented from making transactional state changes. When all  
5 transactions being coordinated by a transaction manager are paused, the transaction manager may be said to be paused or frozen. While the transaction manager is paused, the transactions that the transaction manager is supporting may not be allowed to complete. A transaction manager may be configured to obtain permission from a transaction freeze manager in order to transition the state of a transaction. The  
10 transaction freeze manager may function as a read/write lock manager controlling locks on a transaction freeze object. In servicing a transaction state transition request, the transaction freeze manager may grant the transaction manager a read lock on the transaction freeze object. In servicing a transaction manager pause request, the transaction freeze manager may grant an administrative entity a write lock on the  
15 transaction freeze object.